

AS SERIES

SERIES AS Split Body PFA Lined Butterfly Valve



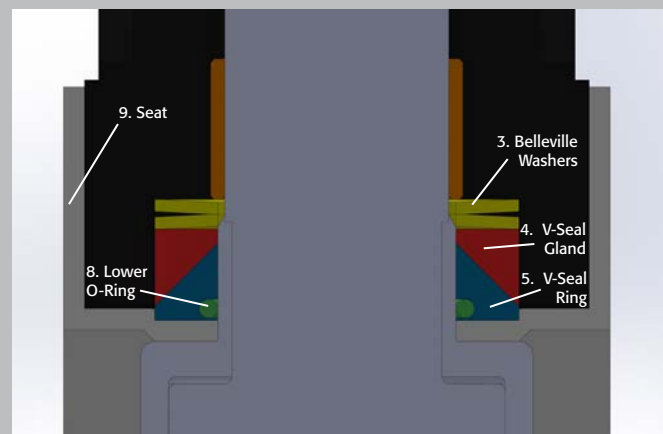
Series AS PFA Lined Butterfly Valve

- Sizes 2 - 24"
- Epoxy coated 2-pc wafer or lug body, ASTM A216 WCB (optional A351 Grade CF8M)
- Bi-directional, bubble tight shut-off
- Blow out proof stem
- Resilient back up liner
- Multiple safety seals

- Three seal protection (PTFE Seat, O-ring, PTFE V-seal ring)
- Live-loaded packing
- 17-4 PH® stem (non-wetted part)
- PFA/CF8 disc (PFA minimum thickness is 3mm)
- Operational Temp: -20°F to 355°F
- Direct mount to TRIAC® actuators, pneumatic or electric

STANDARDS

Design	API 609
Pressure Testing	API 598
End Connections	ANSI/ASME B16.5
Face to Face Dimensions	ANSI/ASME B16.10
Mounting Dimensions	ISO 5211 Direct Mount
Material Certification	EN 10204-3.1b MTR
Quality Assurance	ISO 9001:2015

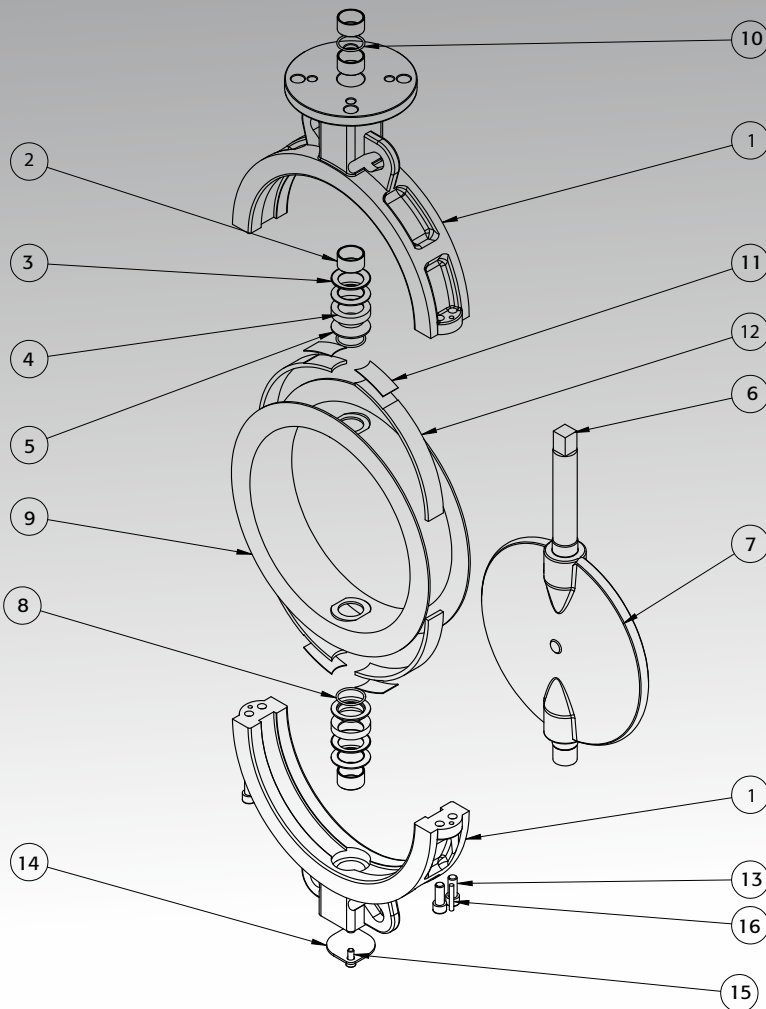


9955 International Blvd. | Cincinnati, Ohio 45246
P: 513 - 247 - 5465 | F: 513 - 247 - 5462
www.atcontrols.com | sales@atcontrols.com

A-T Controls, Inc. | TRIAC®

Common Applications: Hydrochloric Acid (HCl) | Sulfuric Acid (H₂SO₄) | Nitric Acid (HNO₃) | Phosphoric Acid (H₃PO₄) | Wet Chlorine (Cl₂) | Aqua Regia | Other Corrosive Applications. *Avoid abrasive applications with PFA.*

AS Series butterfly valves are PFA lined (encapsulated) for superior corrosion resistance against severe chemicals and corrosive services.



ITEM NO.	PART NUMBER	QTY.	MATERIAL
1	BODY	1	ASTM A216 GRADE WCB ASTM A351 GRADE CF8M
2	BUSHING	4	PTFE/CS BUSHING
3	BELLEVILLE WASHER	4	AISI 304
4	V-SEAL GLAND	2	AISI 304
5	V-SEAL RING	2	PTFE
6	STEM	1	17-4 PH
7	DISC	1	PFA/ASTM A351 GRADE CF8
8	LOWER O-RING	2	VITON® (non-wetted part)
9	SEAT	1	PTFE
10	UPPER O-RING	1	VITON® (non-wetted part)
11	PAD ENERGIZER	4	COMPOSITE
12	RESILIENT PAD	4	SILICONE RUBBER
13	BODY BOLT	*	ISO 3506-1 A2-70
14	COVER**	1	ASTM A1020 CARBON STEEL
15	COVER BOLT**	2	ISO 3506-1 A2-70
16	PIN***	2	CARBON STEEL

*QTY 2 FOR 2" - 5" VALVES; QTY 4 FOR 6" - 12" VALVES
 **ONLY PRESENT ON 10" AND 12" VALVES, AND 8" LUG VALVE
 ***ONLY PRESENT ON 12" WAFER VALVE



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